

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

BOX PATENT APPLICATION

The Commissioner of Patents and Trademarks
P.O. Box 1450, Alexandria, Virginia 22313-1450

Sir:

Transmitted herewith for filing is a new utility patent application of: **Der-Zheng LIU et al.**

Title of Invention: **APPARATUS AND METHOD FOR CARRIER FREQUENCY OFFSET AND PHASE COMPENSATION IN COMMUNICATION SYSTEM**

Enclosed are:

A specification and 29 claims.

Ten (10) sheets of formal drawings (Figs. 1-10).

A Combined Declaration and Appointment of Attorney

Assignment to: **Realtek Semiconductor Corp.**

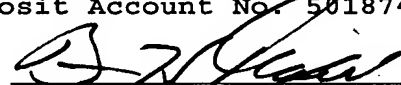
The filing fee has been calculated as shown below:

FOR:	NO. FILED	NO. EXTRA	SMALL		LARGE	
			ENTITY		ENTITY	
			RATE	FEE	RATE	FEE
BASIC FEE			\$385.00		\$770.00	
TOTAL CLAIMS	29 - 20 =	9	\$ 9.		\$18.	\$162
INDEP CLAIMS	7 - 3 =	4	\$ 43.		\$86.	\$344
___ MULTIPLE DEPENDENT CLAIMS			\$145.		\$290.	
TOTAL			\$1276.00			

X A check in the amount of **\$1316.00** to cover the government filing fee and the assignment recording fee is enclosed.

X The Commissioner is hereby authorized to charge any fees associated with this communication, including patent application filing fees and processing fees under 37 CFR 1.16 and 37 CFR 1.17 or credit any overpayment to Deposit Account No. 501874.

Date: February 18, 2004



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